

CAROLINA STALITE COMPANY

MANUFACTURERS OF LIGHTWEIGHT AGGREGATE "STALITE"

PHONE 704-637-1515 FAX 704-642-1572



DRAWER 1037 SALISBURY, N.C. 28145-1037

SHIPPING POINTS: GOLD HILL, NC; AQUADALE, NC

TEST REPORT FOR CONCRETE MASONRY UNITS ASTM C90 Certification Tested per ASTM C140

PLANT: JCC - Lexington
Date Tested: 2/12/2021
Date Produced: Not Reported

12 Inch ProBlock Splitface
BLOCK TYPE: Medium Weight
Gray

BLOCK DIMENSIONS				AVERAGE THICKNESS (in)	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)		
1	15.55	11.65	7.63	WEB	1.10
	15.56	11.70	7.63	FACE	1.60
2	15.55	11.70	7.66	WEB AREA (in ² /sf)	20.23
	15.57	11.70	7.66		
3	15.57	11.71	7.62	EQUIVALENT	4.52
	15.58	11.65	7.63		

PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	39.08	40.72	21.66	38.08	124.64
2	39.97	41.63	22.05	38.90	123.98
3	39.87	41.48	22.00	38.78	124.22
AVERAGE	39.64	41.28	21.90	38.59	124.28
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	ABS. PCF
		GROSS	NET		
1	37.73	0.80	0.31	6.93	8.64
2	39.19	0.81	0.31	7.02	8.70
3	40.28	0.80	0.31	6.95	8.64
AVERAGE	39.07	0.80	0.31	6.97	8.66
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	181.11	69.21	279080	1541	4030
2	181.94	70.77	252570	1388	3570
3	182.24	70.85	265320	1456	3740
AVERAGE	181.76	70.27	265656.67	1462	3780

The blocks tested met ASTM C-90 specifications for the tests performed

Equivalent Thickness of the blocks tested indicates a fire rating of

2.0 hours based on ACI 216.1 tables.

Submitted By:

Andy R. Wall

GOLD HILL RESEARCH AND MATERIALS LABORATORY

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